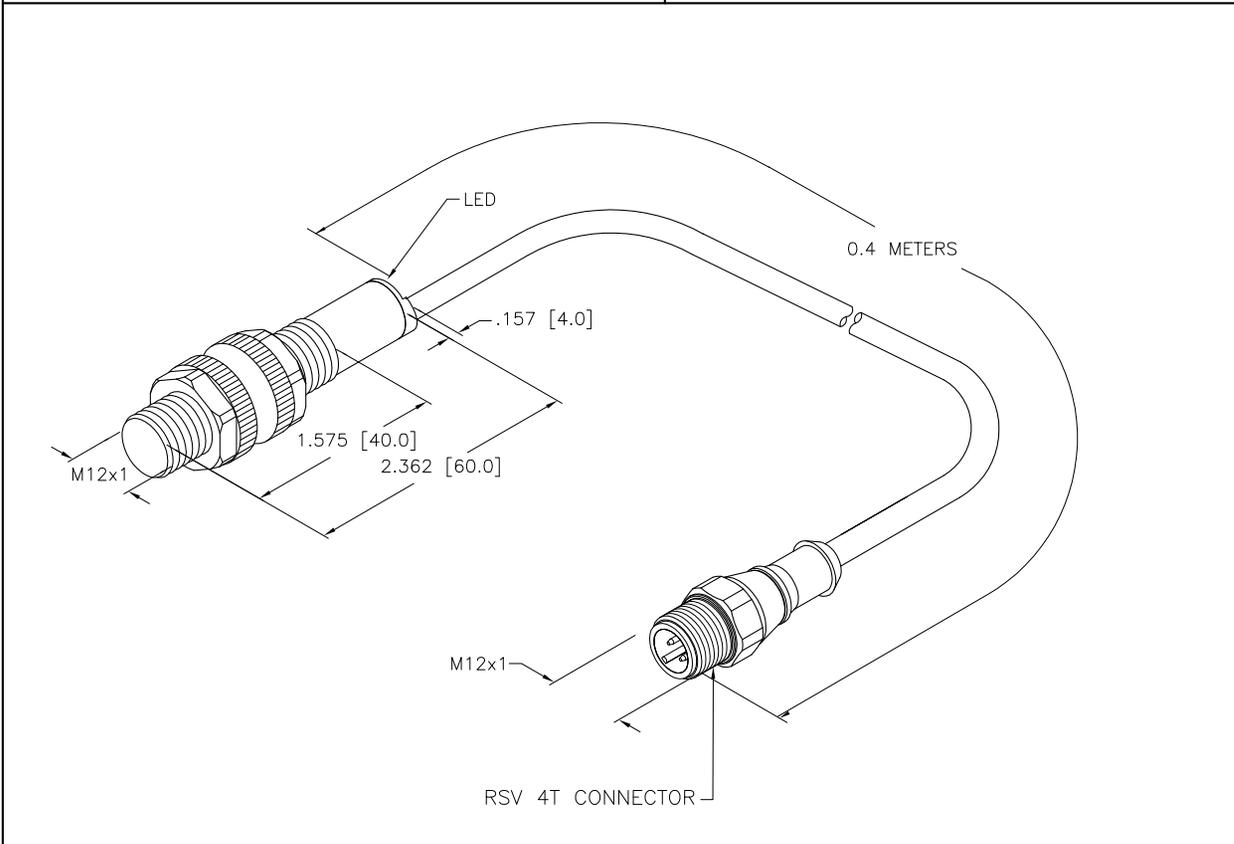


SPECIFICATIONS

| | |
|------------------------------|----------------------------------|
| RATED OPERATING DISTANCE | 4mm [0.158] |
| MOUNTING MODE | NON-FLUSH |
| REPEATABILITY | ≤2% |
| TEMPERATURE DRIFT | ≤±10% |
| HYSTERESIS | 3-15% |
| OPERATING TEMPERATURE | -25°C to +70°C (-13°F to +158°F) |
| OPERATING VOLTAGE | 10-30 VDC |
| RESIDUAL RIPPLE | ≤10% |
| DC RATED OPERATIONAL CURRENT | ≤ 200mA |
| NO-LOAD CURRENT | ≤ 15 mA |
| RESIDUAL CURRENT | ≤ 1 mA |
| RATED INSULATION VOLTAGE | ≤ 0.5 kV |
| SHORT-CIRCUIT PROTECTION | YES |
| MAX. VOLTAGE DROP | ≤ 1.8 V |
| WIRE BREAKAGE PROTECTION | INCORPORATED |
| REVERSE POLARITY PROTECTION | INCORPORATED |
| OUTPUT FUNCTION | 3-WIRE, NORMALLY CLOSED, NPN |
| MAX. SWITCHING FREQUENCY | ≤ 2 kHz |
| HOUSING MATERIAL | PLASTIC, PA12-GF30 |
| MATERIAL ACTIVE FACE | PLASTIC, PA12-GF30 |
| CABLE | ∅5.2, PVC |
| VIBRATION RESISTANCE | 55 Hz (IN ALL 3 PLANES) |
| SHOCK RESISTANCE | 30g (11ms) |
| PROTECTION CLASS | IP67 |
| SWITCHING STATUS INDICATION | LED, YELLOW |



SOURCE DRAWING - FOR REFERENCE ONLY

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|---|---|--|------------------------------|---|--------------|
| RELATED DOCUMENTS 1. 2. 3. 4. | 3RD ANGLE PROJECTION | THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. | | 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com | |
| | MATERIAL SEE SPECIFICATION | DRFT RDS APVD J.M. | DATE 01/09/12 SCALE 1=1.3 | DESCRIPTION NI 4-S12-RN6X-0.4M-RSV 4T | |
| FINISH SEE SPECIFICATION | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY | UNIT OF MEASUREMENT INCH [MILLIMETER] | | IDENTIFICATION NO. T4606894 | REV A |
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| REV DESCRIPTION | BY DATE ECO NO. | | | | |

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| REV | DESCRIPTION | BY | DATE | ECO NO. |